

## **Section 1 - oc Cable, Fiber Optic**

### **RDUP Acceptance Procedures for Gel-Filled Fiber Optic Cables**

In addition to the requirements shown under the general listing procedures, the following information is required in a request for initial acceptance of gel-filled fiber optic cables.

Item 1: Test data indicating that the optical fibers comply with the optical fiber end product performance requirements of 7 CFR 1755.900(RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables, for each type of optical fiber.

Item 2: Test data indicating that the buffer tube complies with the buffer tube end product performance requirements of 7 CFR 1755.900(RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables.

Item 3: Test data indicating that the jacket material complies with the finished jacket material end product performance requirements of 7 CFR 1755.900 (RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables.

Item 4: Test data indicating that armor joints comply with the finished armoring end product performance requirements of 7 CFR 1755.900(RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables.

Item 5: Test data indicating compliance with the optical end product performance requirements of 7 CFR 1755.900 (RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables, for each type of optical fiber.

Item 6: Test data indicating compliance with the mechanical end product performance requirements of 7 CFR 1755.900 (RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables, for each gel-filled fiber optic cable design.

Item 7: Test data indicating compliance with the qualification testing (Appendix A) section of 7 CFR 1755.900 (RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables.

Item 8: A list of all materials used to manufacture gel-filled fiber optic cables to 7 CFR 1755.900 (RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables. The list should include the manufacturer of the material, its product designation, and its product data sheet for each material.

Item 9: A 3-foot sample of the gel-filled fiber optic cable manufactured to 7 CFR 1755.900 (RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables.

Item 10: Submit only 1 original and 1 photocopy of the required test data.

## RUS ACCEPTANCE PROCEDURES FOR DRY-FILLED FIBER OPTIC CABLES

### **Item oc-d**

In addition to the requirements shown under the general listing procedures, the following information is required in a request for initial acceptance of dry-filled fiber optic cables.

Item 1: The information requested in the 10 items for gel-filled fiber optic cables.

Item 2: Test data indicating that the change in attenuation and/or bandwidth of the optical fibers is in compliance with Paragraph 3.1.5.2 of Appendix A of 7 CFR 1755.900 (RUS Bulletin 1753F-601), RUS Specification for Filled Fiber Optic Cables after performing the "Water Immersion Test," (Paragraph 3.2 of Appendix A) of 7 CFR 1755.390 (Bulletin 1753F-205), RUS Specification for Filled Telecommunications Cables. Submit 1 original and 1 photocopy of the above test data.

A copy of RUS Bulletin 1753F-601, which is the user-friendly version of this regulation, can be found at <http://www.usda.gov/rus/telecom/publications/bulletins.htm>

For further information or clarification on the above acceptance procedures, please contact:

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